### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspio.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

28166

7590

05/05/2005

MOSER, PATTERSON & SHERIDAN, LLP /SARNOFF CORPORATION 595 SHREWSBURY AVENUE SUITE 100 SHREWSBURY, NJ 07702 EXAMINER ZHENG, EVA Y

PAPER NUMBER

ART UNIT

DATE MAILED: 05/05/2005

		·		
APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/835,030	04/13/2001	Charles Reed JR.	SAR 14110	5109

TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING JOINT TIMING RECOVERY OF MULTIPLE RECEIVED SIGNALS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	08/05/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATEN <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM TH MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOV REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (O AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WIL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is n claiming SMALL ENTITY status, check box 5a on Part B - Fee Transmittal and pay the PUBLICATION FEE (if required) and 1 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) w your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (703) 746-4000

			01 <u>F</u>	<u>ax</u> (703) 740-4000			
INSTRUCTIONS: This for appropriate. All further con indicated unless corrected b maintenance fee notification	m should be used for tran respondence including the l selow or directed otherwise as.	smitting the ISSU Patent, advance or in Block 1, by (a	JE FEE and P ders and notif ) specifying a	PUBLICATION FEE (if requirements of maintenance fees new correspondence address	nired). Blocks 1 through 5 s will be mailed to the current and/or (b) indicating a sep	should be completed what correspondence address arate "FEE ADDRESS"	
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, m			
28166 75	90 05/05/2005			have its own certificat	te of mailing or transmission.	ent of formal drawing, m	
MOSER, PATTERSON & SHERIDAN, LLP /SARNOFF CORPORATION 595 SHREWSBURY AVENUE SUITE 100				Ce I hereby certify that t States Postal Service addressed to the Ma transmitted to the US	rtificate of Mailing or Tran his Fee(s) Transmittal is bein with sufficient postage for fin il Stop ISSUE FEE address PTO (703) 746-4000, on the	smission  In deposited with the Unice that the service of the serv	
SHREWSBURY, N	NJ 07702				, , , , , , , , , , , , , , , , , , , ,	(Depositor's na	
<b>.</b> , .						(Signat	
						(D	
APPLICATION NO.	FILING DATE		FIRST NAMED	INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/835,030	04/13/2001		Charles R	leed JR.	SAR 14110	5109	
•	ETHOD AND APPARATU	IS FOR PERFORM	AING JOINT T	FIMING RECOVERY OF MI	JLTIPLE RECEIVED SIGN.	ALS	
APPLN, TYPE	SMALL ENTITY	ISSUE FI	EE .	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	МО	\$1400	0	\$300	\$1700	08/05/2005	
EXAM	INER	ART UN	пт	CLASS-SUBCLASS			
ZHENG,	, EVA Y	2634		375-326000	_		
1. Change of correspondence	e address or indication of "Fo	ee Address" (37	2. For print	ting on the patent front page, l	ist		
CFR 1.363).  Change of correspond	lence address (or Change of	Correspondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,				
☐ "Fee Address" indicat	PTO/SB/122) attached.  ess" indication (or "Fee Address" Indication form Rev 03-02 or more recent) attached. Use of a Customer quired.  (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.						
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	THE PATENT	(print or type)			
PLEASE NOTE: Unless recordation as set forth in	ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.						
(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)							
Please check the appropriate	assignee category or catego	ries (will not be pr	inted on the pa	atent): 🗖 Individual 🗖 (	Corporation or other private gr	roup entity Governm	
4a. The following fee(s) are	enclosed:	46	o. Payment of I	Fee(s):			
Issue Fee			A check in the amount of the fee(s) is enclosed.				
Publication Fee (No small entity discount permitted)			Payment by credit card. Form PTO-2038 is attached.				
☐ Advance Order - # of	Copies	<del></del>	The Direct Deposit Acco	ctor is hereby authorized by count Number	charge the required fee(s), or (enclose an extra	credit any overpayment copy of this form).	
						· · · · · · · · · · · · · · · · · · ·	
	A check in the amount of the fee(s) is enclosed.						
The Director of the USPTO NOTE: The Issue Fee and Printerest as shown by the reco	is requested to apply the Issi ublication Fee (if required) vords of the United States Pate	ue Fee and Publicate will not be accepted ent and Trademark	tion Fee (if any d from anyone Office.	y) or to re-apply any previous other than the applicant; a reg	sly paid issue fee to the applic gistered attorney or agent; or t	ation identified above. the assignee or other part	
Authorized Signature				Date			
Typed or printed name _				Registration	n No		
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to proc an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to comp							

an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, proparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to comp this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/835,030	04/13/2001	04/13/2001 Charles Reed JR.		5109	
28166	7590 05/05/2005	EXAMINER			
•	TTERSON & SHERIDA DRPORATION	ZHENG, EVA Y			
	BURY AVENUE	ART UNIT	PAPER NUMBER		
SUITE 100	V NI 07702		2634		
SHREWSBUR	1, NJ 07702	DATE MAILED: 05/05/2005			

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 729 day(s). If the issue fee is paid on the date that is three months after t mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a ha months) after the mailing date of this notice, the Patent Term Adjustment will be 729 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date th determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retriev (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.